

# Product Datasheet

## Human NMDAR1 ELISA Kit (Colorimetric) NBP2-68021

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 1

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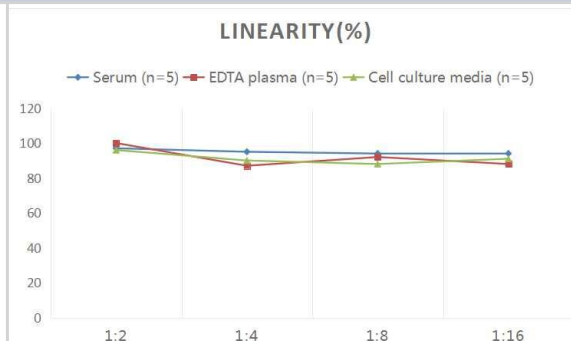
**NBP2-68021****Human NMDAR1 ELISA Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	2902
<b>Gene Symbol</b>	GRIN1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This kit recognizes Human GRIN1 in samples. No significant cross-reactivity or interference between Human GRIN1 and analogues was observed.
<b>Kit Components</b>	Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Manual
<b>Standard Curve Range</b>	0.16 - 10 ng/mL
<b>Sensitivity</b>	0.10 ng/mL
<b>Inter Assay</b>	CV% < 5.24%
<b>Intra Assay</b>	CV% < 4.65%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	89-106%
<b>Suitable Sample Type</b>	Serum, plasma and other biological fluids
<b>Sample Volume</b>	100 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

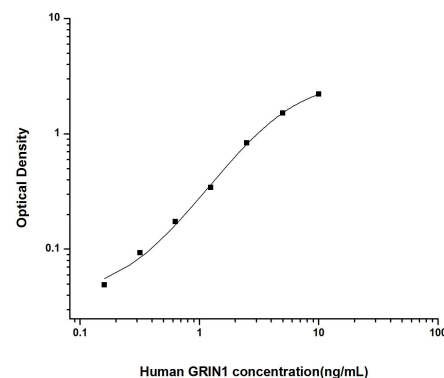


## Images

ELISA: Human NMDAR1 ELISA Kit (Colorimetric) [NBP2-68021] - Samples were spiked with high concentrations of Human NMDAR1 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human NMDAR1 ELISA Kit (Colorimetric) [NBP2-68021] - Standard Curve Reference



## Publications

Goetzl EJ, Srihari VH, Mustapic M et al. Abnormal levels of mitochondrial Ca<sup>2+</sup> channel proteins in plasma neuron-derived extracellular vesicles of early schizophrenia FASEB journal : official publication of the Federation of American Societies for Experimental Biology 2022-08-01 [PMID: 35867070]



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### **Products Related to NBP2-68021**

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H00002902-G01-10ug	Recombinant Human NMDAR1 Protein
DBD00	BDNF [HRP]
NB300-118	NMDAR1 Antibody (R1JHL) - Azide and BSA Free
NB300-556	PSD-95 Antibody (6G6-1C9) - BSA Free

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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